ELSEVIER

European Journal of Operational Research 86 (1995) 595–596

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

Contents Volume 86

Special Issue: 9th EURO Summer Institute – Hierarchical Planning

1 Ninth EURO Summer Institute
C. Schneeweiß, B. Fleischmann and L. Van Wassenhove

4 Hierarchical structures in organisations: A conceptual framework
C. Schneeweiß

32 A hierarchical approach for the FMS scheduling problem
J. Paulli

43 Hierarchical production planning in a Make-To-Order company: A case study
M.A. Carravilla and J.P. de Sousa

57 A hierarchical approach for capacity coordination in multiple products single-machine production systems with stationary stochastic demands
J.C. Fransoo, V. Sridharan and J.W.M. Bertrand

73 Hierarchically integrated lot size optimization
V. Söhner and C. Schneeweiss

91 Hierarchical resource planning for shipping companies
R. Pesenti

103 Decentralization of responsibility for site decontamination projects: A budget allocation approach
C.J. Corbett, F.J.C. Debets and L.N. Van Wassenhove

120 Decomposition and iterative aggregation in hierarchical and decentralised planning structures
K. Jörnsten and R. Leisten

142 Hierarchical model for production planning in the case of uncertain demand
H. Gfrerer and G. Zäpfel

162 An interactive heuristic for financial planning in decentralized organizations
M.H. Goedhart and J. Spronk

176 The design of supply contracts as a problem of delegation
H.Y. Schenk-Mathes

189 Handling multiple sources of variation using influence diagrams (Invited Review)
J.Q. Smith

201 Optimal location of routes for vehicles transporting hazardous materials
J. Karkazis and T.B. Boffey

216 Production analysis in different time periods: An application of data envelopment analysis
T. Sueyoshi

231 A pulsing model of advertising competition: A game theoretic approach, part A – Theoretical foundation
H.I. Mesak and J.A. Calloway

249 Cost analysis of alternative formulations for personnel scheduling in continuously operating organizations
M.J. Brusco and L.W. Jacobs

262 V- and Λ-shaped properties for optimal single machine schedules for a class of non-separable penalty functions
J. Mittenthal, M. Raghavachari and A.I. Rana

270 Application of multiattribute theory in a safety monitor for the planning of maintenance jobs
W. Heins and M.W.M. Röling

281 EOQ models for perishable items under stock dependent selling rate
G. Padmanabhan and P. Vrat

293 On an inventory model with deteriorating items and decreasing time-varying demand and shortages
L. Benkherouf

300 Modeling quantity discounts under general price-sensitive demand functions: Optimal policies and relationships
Z.K. Weng
315 Assessing priority weights from subsets of pairwise comparisons in multiple criteria optimization problems
E. Takeda and P.-L. Yu
332 On the properly efficient points of nonconvex sets
D.T. Luc
337 A bilevel bottleneck programming problem
K. Mathur and M.C. Puri
345 Design of optimal maintenance policies based on on-line sampling plans
L.-F. Hsu and S. Kuo
358 Optimal sequential file search: A reduced-state dynamic programming approach
C. Blair and G.E. Monahan
366 Purposive contradiction, intervening duality and the nature of probability
M.J. Ryan
374 RAGNU: A microcomputer package for two-group mathematical programming-based nonparametric classification
A. Stam and D.R. Ungar
389 OR Software, *H. Thiriez (ed.)*
391 Short Book Reviews, *L. Gelders (ed.)*

395 Progress with single-item lot-sizing (Invited Review)
L.A. Wolsey
402 A structured model to manage a large number of transactions
A. Andronico, L. Cossa, M. Gagliardi and C. Spera
422 A pulsing model of advertising competition: A game theoretic approach, part B – Empirical application and findings
H.I. Mesak and J.A. Calloway
434 Multinational plant location as a game of timing
M.M. Tombak
452 A double annealing algorithm for discrete location/allocation problems
G. Righini
469 Parametric uncapacitated facility location
D.-w. Tcha, Y.-s. Myung and K.-h. Chung
480 Improvement heuristics for the Vehicle Routing Problem based on Simulated Annealing
A. Van Breedam
491 Heuristic procedures for minimizing makespan and the number of required pallets
C. Chu, J.-M. Proth and S. Sethi
503 The numerical solution of stochastic automata networks
W.J. Stewart, K. Atif and B. Plateau
526 Minimax regret solution to linear programming problems with an interval objective function
M. Inuiguchi and M. Sakawa
537 An investigation of the use of goal programming to fit response surfaces
R.P. Lewis, Jr. and H.A. Taha
549 A nonlinear programming model for partially observable Markov decision processes: Finite horizon case
Y. Serin
565 Thermostatistical persistency: A powerful improving concept for simulated annealing algorithms
P. Chardaire, J.L. Lutton and A. Sutter
580 Interdicting the activities of a linear program – A parametric analysis
M.-S. Chern and K.-C. Lin
592 Short Book Reviews, *L.F. Gelders (ed.)*
595 Contents Volume 86